

LUD 5538.1 CIP - JEL/NDH (09807399)

sequence listings are identical to each other and to information set forth in the application as filed. No new matter is believed presented.

**IN THE CLAIMS**

Cancel claims 53 and 109 without prejudice.

Add claims 110-144 which follow:

Claim 110: An isolated nucleic acid molecule which encodes the protein encoded by the nucleotide sequence set forth at SEQ ID NO: 5, 6, 7 or 8.

Claim 111: The isolated nucleic acid molecule of claim 110, selected from the group consisting of the nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 5, 6, 7 and 8.

Claim 112: Expression vector comprising the isolated nucleic acid molecule of claim 110, operably linked to a promoter.

Claim 113: Expression vector comprising the isolated nucleic acid molecule of claim 111, operably linked to a promoter.

Claim 114: Recombinant cell comprising the expression vector of claim 112.

Claim 115: Recombinant cell comprising the expression vector of claim 113.

Claim 116: Recombinant cell comprising the isolated nucleic acid molecule of claim 110.

Claim 117: Recombinant cell comprising the isolated nucleic acid molecule of claim 111.

Claim 118: Recombinant cell of claim 114, further comprising an expression vector which contains a nucleic acid molecule encoding a cytokine, operably linked to a promoter.

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Claim 119: Recombinant cell of claim 115, further comprising an expression vector which contains a nucleic acid molecule encoding a cytokine, operably linked to a promoter.

Claim 120: Recombinant cell of claim 116, further comprising a nucleic acid molecule which encodes a cytokine.

Claim 121: Recombinant cell of claim 117, further comprising a nucleic acid molecule which encodes a cytokine.

Claim 122: The recombinant cell of claim 118, 119, 120 or 121 wherein said cytokine is interleukin.

Claim 123: The recombinant cell of claim 122, wherein said interleukin is IL-2, IL-4, or IL-12.

Claim 124: The recombinant cell of claim 114, 115, 116 or 117, wherein said recombinant cell is a eukaryotic cell.

Claim 125: The recombinant cell of claim 123, which has been rendered non-proliferative.

Claim 126: The recombinant cell of claim 123, wherein said cell is a fibroblast.

Claim 127: Expression vector comprising a mutated or attenuated virus and the isolated nucleic acid molecule of claim 110 or 111.

Claim 128: Expression system useful in making a recombinant cell, comprising:  
(i) a first vector which encodes the protein encoded by the isolated nucleic acid molecule of claim 110 or 111, and  
(ii) a second vector which either (a) encodes an MHC or HLA molecule or (b) encodes an interleukin.

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Claim 130: An isolated nucleic acid molecule consisting of a nucleotide sequence defined by SEQ ID NO: 9, 10, 11, 12, 13 or 14.

Claim 131: Kit useful in determining expression of a cancer associated antigen, comparing a separate portion of each of (i) the nucleotide sequences defined by SEQ ID NOS; 9 and 10, (ii) the nucleotide sequences defined by SEQ ID NOS: 11 and 12, and (iii) the nucleotide sequences defined by SEQ ID NOS: 13 and 14.

Claim 132: The isolated nucleic acid molecule of claim 110, which encodes the protein encoded by SEQ ID NO: 5.

Claim 133: The isolated nucleic acid molecule of claim 110, which encodes the protein encoded by SEQ ID NO: 6.

Claim 134: The isolated nucleic acid molecule of claim 110, which encodes the protein encoded by SEQ ID NO: 7.

Claim 135: The isolated nucleic acid molecule of claim 110, which encodes the protein encoded by SEQ ID NO: 8.

Claim 136: The isolated nucleic acid molecule of claim 110, comprising SEQ ID NO: 5.

Claim 137: The isolated nucleic acid molecule of claim 110, comprising SEQ ID NO: 6.

Claim 138: The isolated nucleic acid molecule of claim 110, comprising SEQ ID NO: 7.